



CIRCUIT SCHEDULE

SYM.	CIRCUIT	CIRCUIT	CONDUCTOR	TYPE	COND.	MATERIAL	MAX. COND.	WET TEMP	LOCATION	CONDUIT	CONDUIT	OCPD TYPE	OCPD
		CURRENT			MIN. SIZE		CURRENT	RATING		TYPE	SIZE		
1	EXPOSED SOURCE CIRCUIT WIRING	15A	DC+/DC-, EGC	PV Wire, bare	10, 10 AWG	CU	40A	90 F	Free air	-	-	-	-
2	PV DC SOURCE CIRCUITS	15A	DC+/DC-, EGC	THWN-2	10, 10 AWG	CU	40A	90 F	Conduit/Exterior	Metallic	3/4	-	-
3	INVERTER AC OUTPUT CIRCUIT	25A	L1/L2, N, EGC	THWN-2	10, 10 AWG	CU	40A	90 F	Conduit/Interior	Metallic	3/4	Circuit Breaker	35A

PV System Design

Registered by: Octopus inc. 1234 Yellow Sub Ln.

Cocoa, FL 32780, USA

Created on: 2017-08-08

Based on 2011 NEC & 5th Edition (2014) FBC

System size: 10kW

Inverter: SolarEdge, SE6000A-US

Module(s): SolarWorld, Sunmodule Plus SW300 Mono

W-001